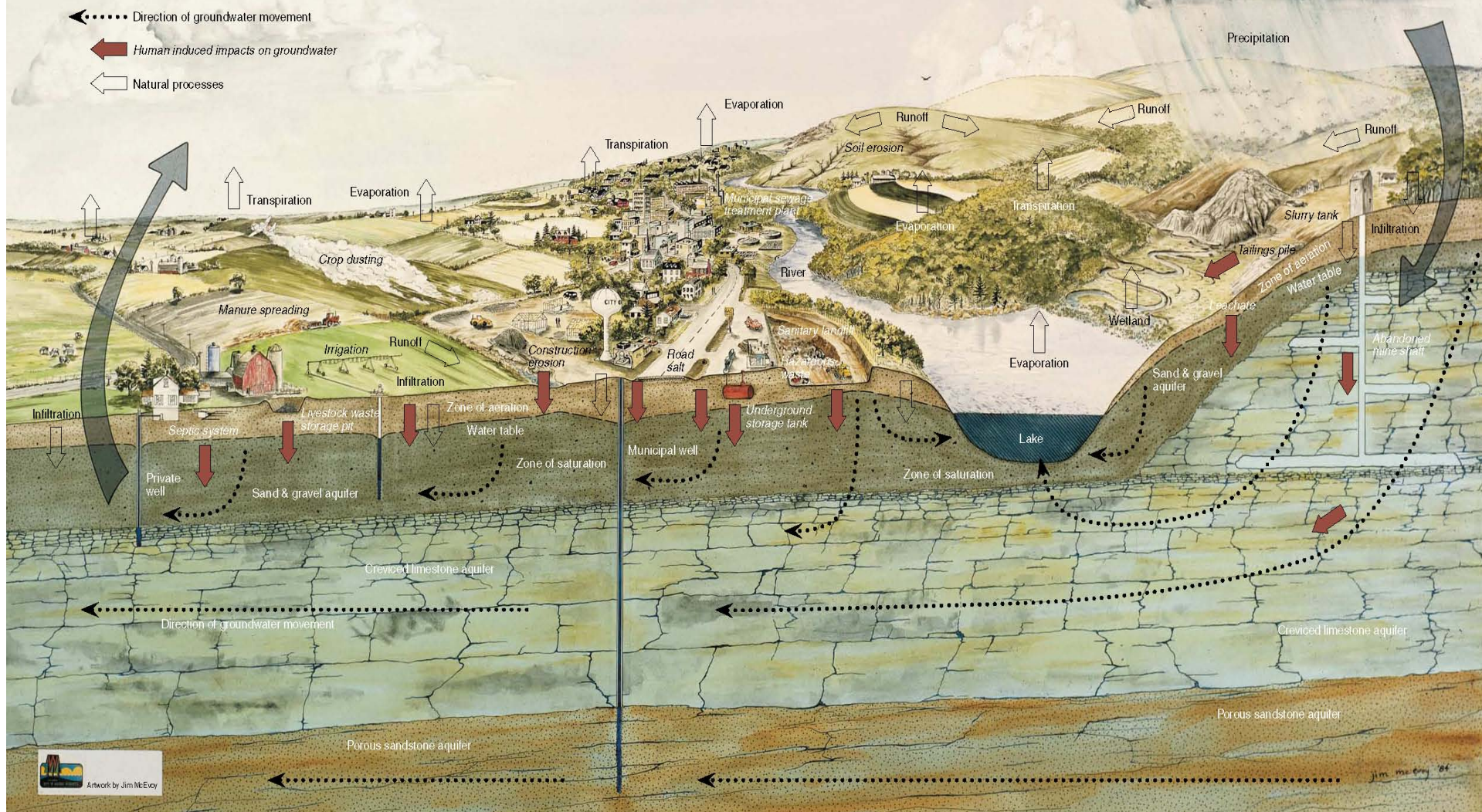


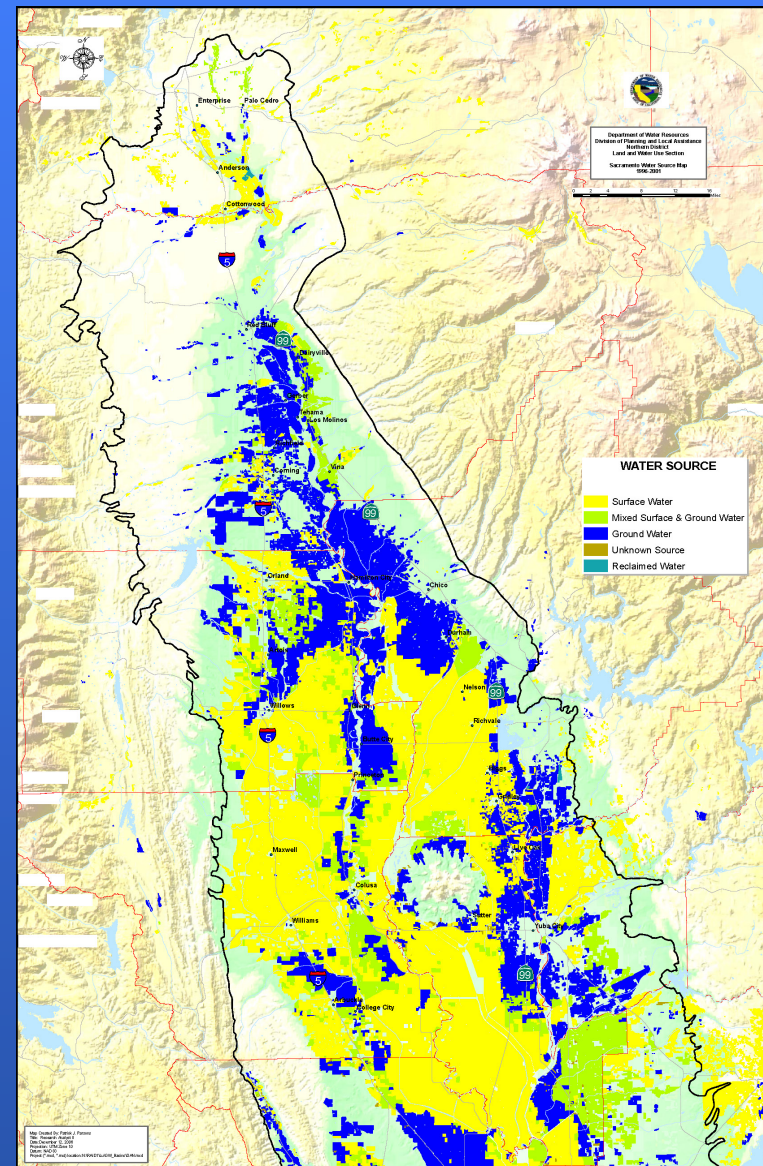
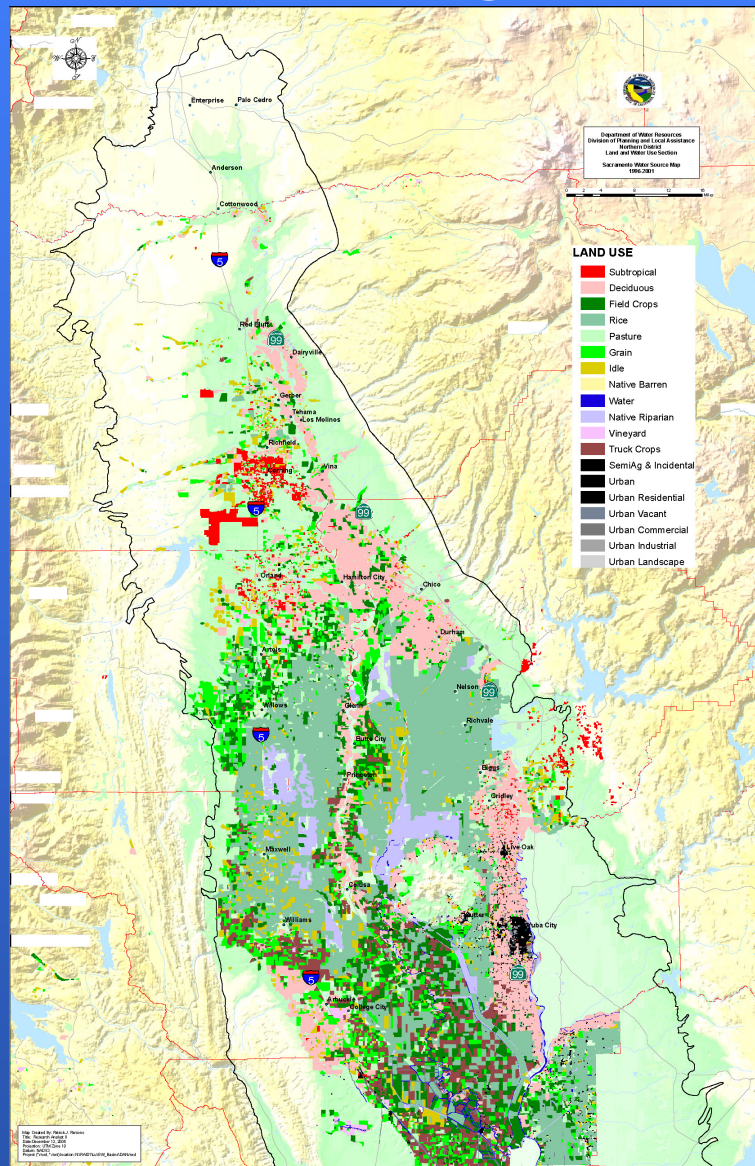


**Department of Water
Resources
Division of Planning and
Local Assistance**

Groundwater and land use in the water cycle



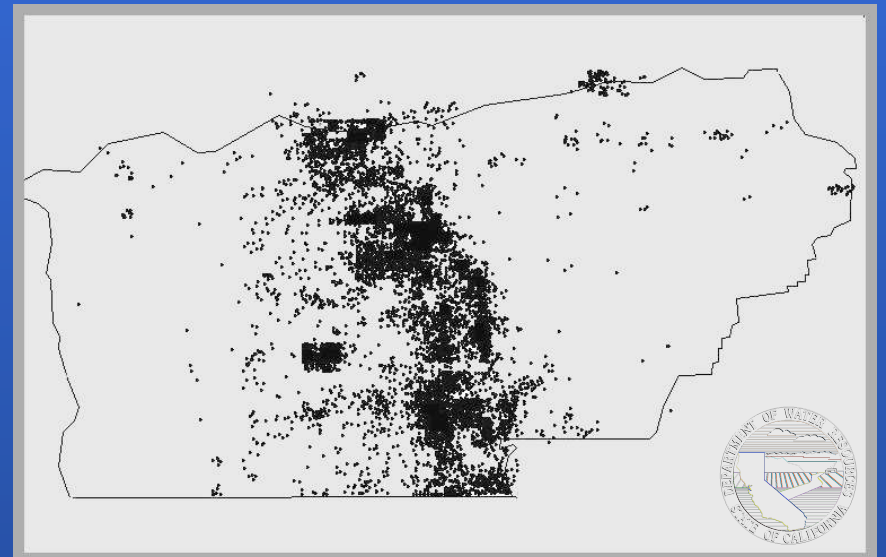
Sac Valley Land & Water Use Data



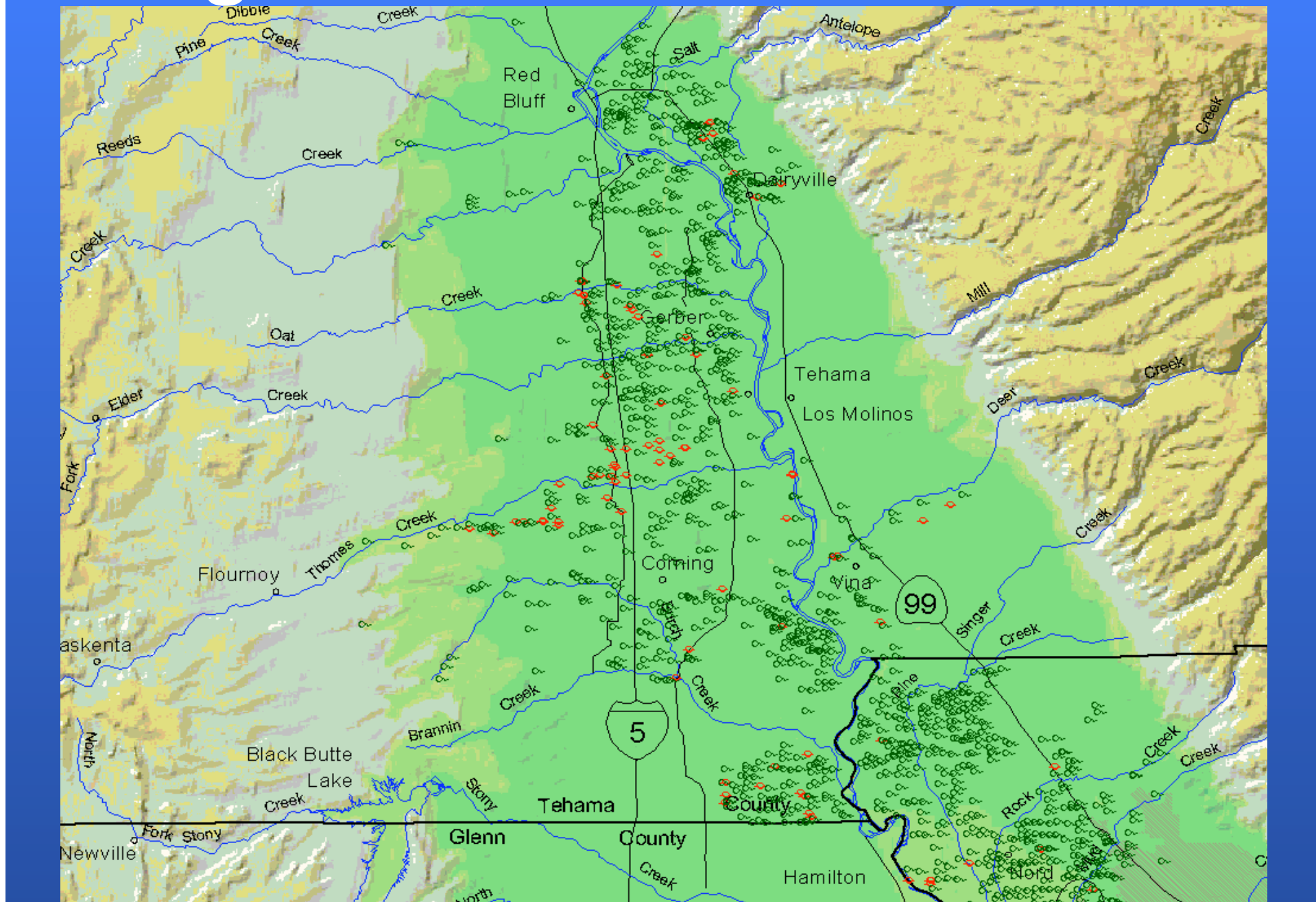
Data Source: DWR ND 2000 Land & Water Use Data



Identify Surface Water & GW Sources



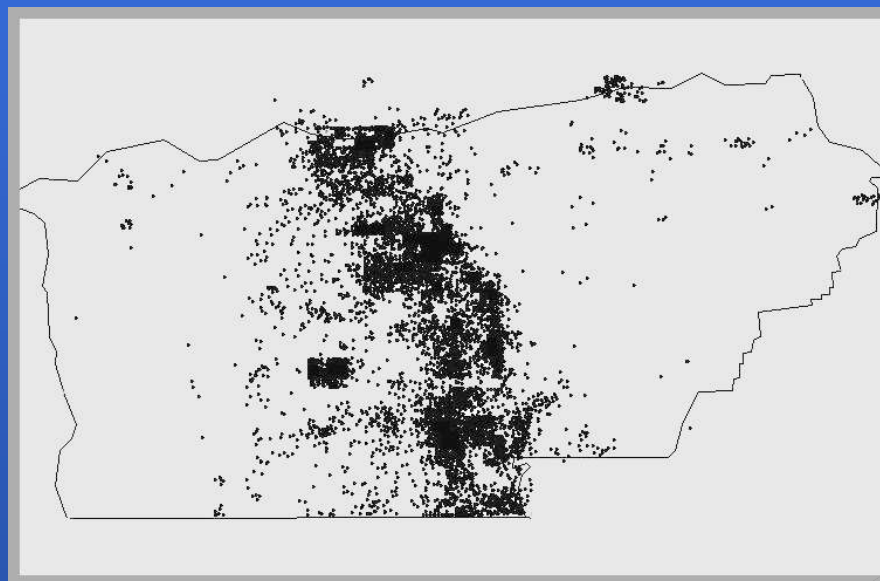
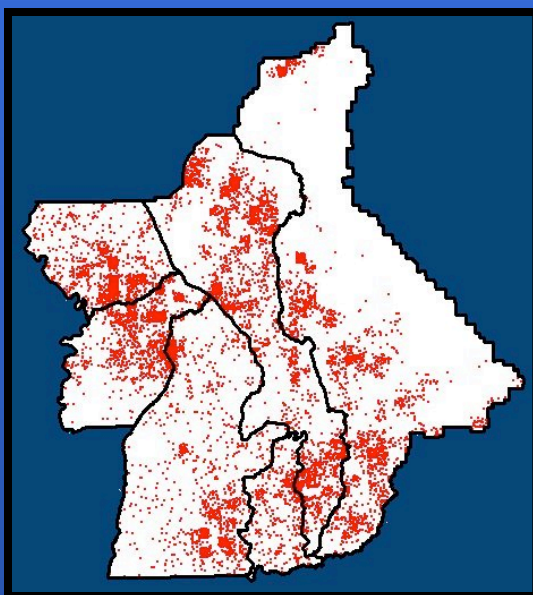
Agricultural Well Locations



Well Completion Report Data (Driller's Logs)

<u>Well Use</u>	Butte	Colusa	Glenn	Tehama	Shasta	Totals
Domestic	5,825	971	2,487	8,728	4,571	22,582
Irrigation	2,281	721	1,416	1,340	114	5,872
Municipal, Industrial & Public	233	76	72	115	104	600
Other	1,935	788	926	1,292	820	5,761
Totals:	10,274	2,556	4,901	11,475	5,609	34,815

All Logs for Valley Portion of the Five Counties through Dec. 2006



Annual

Remote Rain Gauge



HOURLY

CIMIS



- ET
- Wind
- Precip
- Air Temp
- Soil temp
- Humidity

Precipitation Stations



Daily

Cooperators

Max/Min Thermometer



Rain Gauge

Weekly

Rain Gauge



Class "A" Evaporation Pan

Hourly-Daily-Monthly

Hourly-Daily-Monthly



Precipitation

Wind Speed

Temp
Max/Min

California Data Exchange Center

SMITH RIVER			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Oct-May	Year
Gauging Station	184'	Precip	94	9.15	26.15	13.47	15.73	5.88	9.28	1.66	82.26	
Station	(GAD)	Average	7.53	34.34	16.37	16.45	11.95	11.08	6.47	4.43	88.42	92.33
		%-avg	12%	63%	160%	92%	132%	53%	143%	37%	93%	89%
KLAMATH RIVER			Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Oct-May	Year
Tule Lake	4015'	Precip	---	---	---	---	---	---	---	---	---	10.54
Station	(TLL)	Average	39	1.17	1.46	1.08	1.84	1.05	.77	1.87	8.43	10.54
		%-avg	---	---	---	---	---	---	---	---	---	---
Colton	1185'	Precip	38	2.65	3.93	1.78	5.86	1.41	31	1.16	17.28	
Station	(CAL)	Average	1.48	2.75	3.67	3.48	2.58	2.14	1.38	.83	18.43	20.81
		%-avg	21%	96%	107%	48%	156%	68%	68%	140%	93%	86%
Fort Jones RS	2725'	Precip	08	84	5.24	1.79	4.44	1.44	59	58	14.92	
Station	(FJD)	Average	1.58	2.90	4.16	4.25	2.80	2.09	1.08	.95	19.73	21.81
		%-avg	8%	29%	126%	42%	139%	69%	53%	67%	76%	68%
Treka	2625'	Precip	02	1.81	4.10	2.12	3.22	1.11	89	1.82	14.29	
Station	(TRK)	Average	1.41	2.19	3.50	3.24	2.18	1.70	.95	.91	16.08	18.28
		%-avg	7%	83%	117%	63%	148%	63%	94%	112%	89%	79%

Colusa Basin

